HOT WATER DISPENSER

HWD—1 120V
HWD—2 240V

INSTANT HOT WATER
For Preparing:

Tea
Instant Coffee
Soups
Hot Cereals
Cocoa
Pudding
Gelatins

SPECIFICATIONS

Electrical:

HWD—1 1750 Watts @ 120VAC, 50/60 HZ
Supplied with a 15A—120V grd. Plug.

HWD—2 2750 Watts @ 240V, 1 PH, 50/60 HZ

Water Connections:

1/4 O.D Copper Tube for Installations Less than 15 ft.

3/8 O.D. Copper Tube for Distances exceeding 15 ft.

Min. Water Pressure: 20 Ibs.

CECILWARE CORPORATION
GENERAL OFFICE & FACTORY
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INSTALLATION:

The unit is shipped with the thermostat in the "OFF" position. **CAUTION,** do not turn thermostat on before unit is primed with water.

1. Remove two screws from top cover and remove cover.
2. Flush inlet water line thoroughly before connecting.
   If pipe sealant is necessary, Teflon tape is recommended.
3. Connect ¼" O.D. tubing to ¼" flare fitting located at rear of unit. A shutoff valve in the water supply is advisable.
4. Turn on water and check line and fittings for leaks.
5. Examine the electrical data label attached to the machine and plug the power cord into the appropriate power supply.
6. Depress the power switch of the machine to the "ON" position and the water will automatically enter the tank. It will take approximately *2* 1/2 minutes to fill the tank.
7. Turn the thermostat knob to its maximum clockwise position, replace cover and wait approximately 14-25 minutes for the water to heat.

Note: These instructions are for initial priming only and need not be repeated for normal operation.

PRODUCTION CAPACITY

	HWD—1	HWD—2
*Initial Heat-Up Time	25 minutes	14 minutes
Burst Capacity	189oz.	189oz.
Recovery	19 minutes	10 minutes
Gallons per HR.	4.6	8.8
*Inlet Water Temp. at 68° F Final Temp. 200° F		

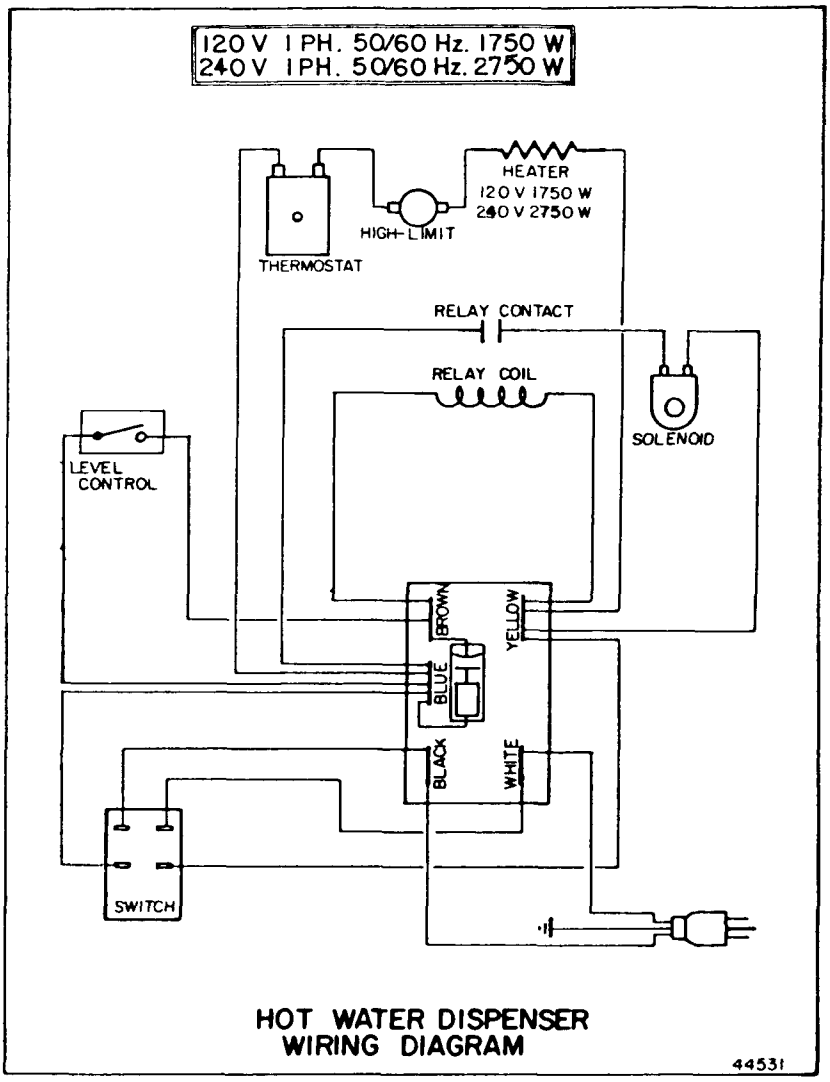
THERMOSTAT ADJUSTMENTS:

Remove the two screws (43) from the top cover and remove cover (Fig. 7). The thermostat will be visible (Fig. 8). First try to adjust temperature by rotating thermostat knob clockwise to raise temperature, counter-clockwise to lower temperature. If further adjustment is needed, remove knob exposing shaft with adjustment screw in center of shaft. Turn the adjustment screw counter-clockwise to raise temperature and clockwise to lower temperature. Unit should be set at 205F or just below boiling. To prevent the adjustment screw from turning after the adjustment is completed, apply nail polish or Glyptol to the screw.

TROUBLESHOOTING GUIDE:

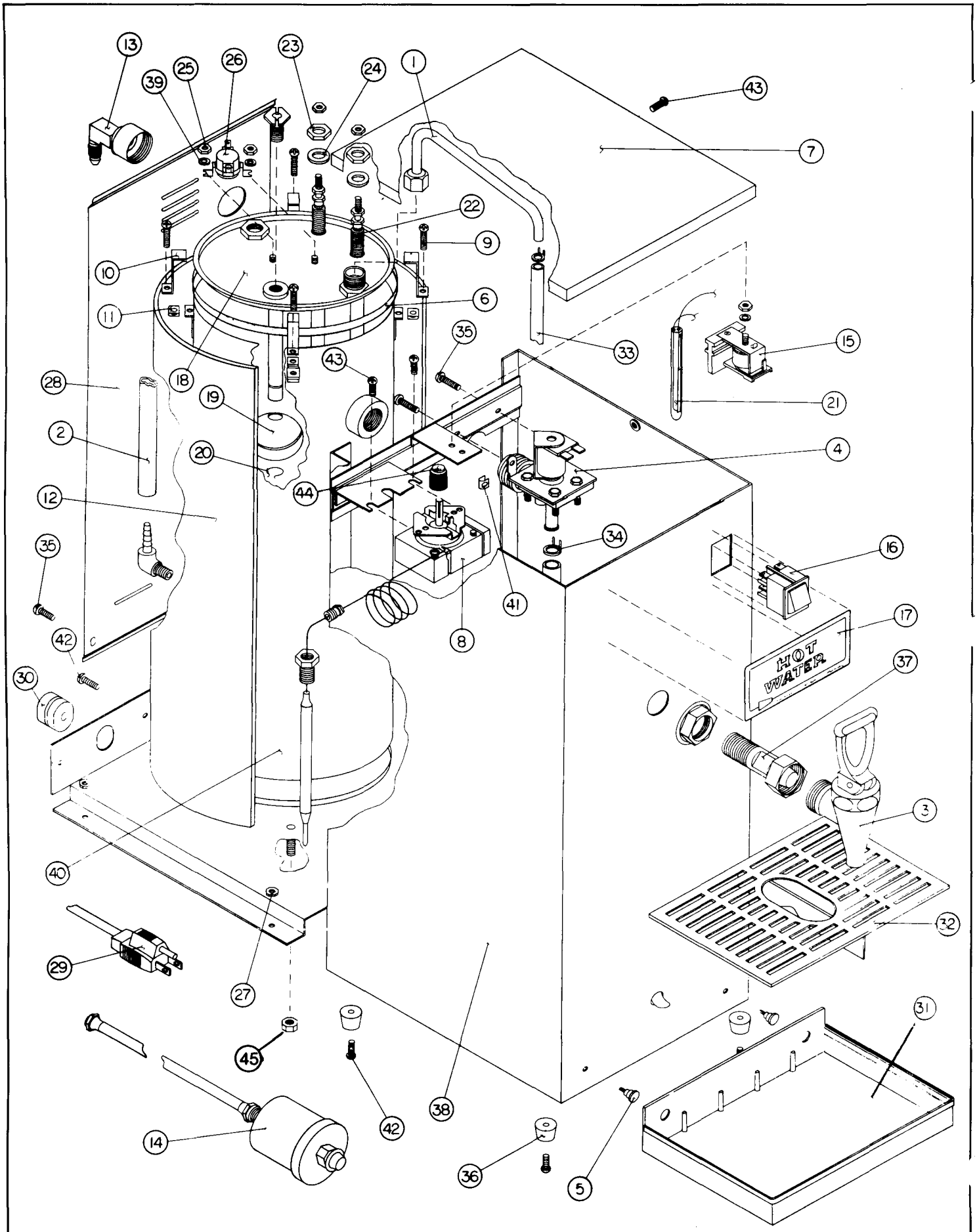
Warning: Unplug the dispenser power cord before repairing or replacing any internal components of unit.

Trouble	Probable Cause	Remedy
No water from faucet	1. Line cord not plugged in	1. Plug in line cord
	2. Power switch "OFF"	2. Turn power switch "ON"
	3. Power switch inoperative	3. Replace switch
	4. Circuit breaker tripped	4. Reset breaker
	5. Water supply off	5. Turn on water supply
	6. Solenoid valve inoperative	6. Replace solenoid
	7. Reed switch inoperative	7. Replace Reed switch
	8. Relay inoperative	8. Replace relay
Water continues to flow from overflow	1. Leaking solenoid valve	1. Repair or replace valve
	2. Reed switch inoperative	2. Replace Reed switch
	3. Ball float sticking or contains water	3. Clean or replace ball float
Cold water	1. Thermostat in "OFF" position	1. Turn thermostat "ON"
	2. Thermostat inoperative	2. Replace thermostat
	3. Hi-limit inoperative	3. Replace hi-limit
	4. Heating element opened	4. Replace element
	5. Loose electrical connections	5. Tighten all loose connections
Water boils continuously	1. Thermostat out of adjustment	1. Follow thermostat adjustment procedure in manual and adjust thermostat
	2. Thermostat inoperative	2. Replace thermostat



PARTS LIST

Dwg. No.	Description	Part No.	Qty. Per Unit	Dwg. No.	Description	Part No.	Qty. Per
1	Overflow - copper	77206	1	23	½"—20 Hex Nut	03051	2
2	Valve - Tank Tube	77207	1	24	Copper Washer	07059	2
3	Faucet	80234	1	25	Hex Nut 6-32	03006	2
4	Water Valve 120V	80235	1	26	High Limit Switch	59023	1
	Water Valve 240V	80236	1	27	Hex Nut 8-32	03003	5
5	Drip Pan Studs	92007	2	28	Back Panel	40805	1
6	Tank Seal	20042	1	29	Line Cord 120V- 15A	C032C	1
7	Top Cover	40804	1				
8	Thermostat	L266C	1	30	Strain Relief	57032	1
9	#8x1/2" Screw	06211	4	31	Drip Pan	75014	1
10	Tank Clamps	73290	4	32	Grill	75015	1
11	Tinnerman Nut	03012	4	33	Overflow (Silicone)	77205	1
12	Tank Insulation	38310	1	34	Hose Clamp	34031	2
13	Inlet Fitting Assy.	95101	1	35	#8 x ½ Type A Screw	06110	4
14	Henry Strainer	E002C	1	36	Rubber Bumpers	18009	4
15	Relay (Wired) 120V	L018C	1	37	Faucet Shank	77203	1
	Relay (Wired) 240V	L159C	1		Washer	07221	1
16	Power Switch	L155C	1	38	Cabinet Assy.	97153	1
17	Hot Water Label	N096C	1	39	Lock Washer	07005	
18	Tank Top Assy.	97156	1	40	Tank Sub –Assy.	97154	1
19	Float Ball	24004	1	41	Tinnerman Nut	03016	2
20	Retainer Ring	38568	1	42	8-32x1/2 R H Screw	06111	5
21	Float Switch Assy.	L019C	1	43	6-32x1/4 R H Screw	06091	4
22	Heating Element 120V	87039	1	44	Thermostat Knob	M193C	1
	Heating Element 240V	87040	1	45	Tank Nut ¼-20	03063	2



PARTS ILLUSTRATION